

ABSTRACT OF THE DISCLOSURE

A system and method for controlling an electrochromic device is provided. The system comprises a light source that produces an input light signal, and an electrochromic window configured to attenuate the input light signal by a certain amount and transmit a resulting attenuated light signal. An optical detector is configured to detect an optical property of the attenuated light signal, and a power module is connected to the electrochromic window and the detector. The power module generates a pulse-width modulated power signal and inputs the power signal to the electrochromic window. The power signal is modulated by an amount based on the detected optical property of the attenuated light signal. A control circuit for an electrochromic device is also disclosed.

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